

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030664.D
 Acq On : 17 Aug 2022 16:48
 Operator : JC/MD
 Sample : N4221-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN8

Quant Time: Aug 18 04:23:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

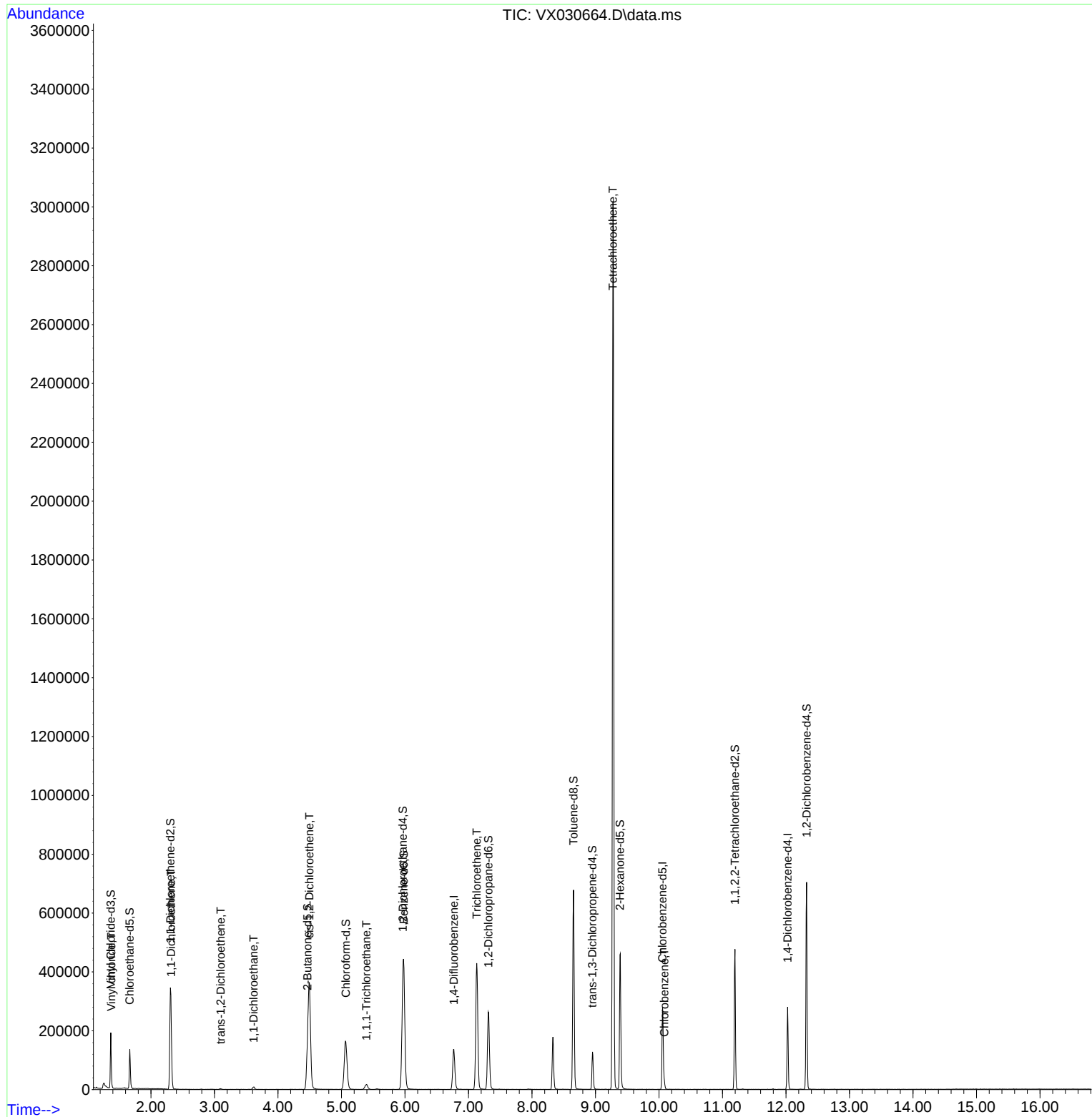
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	139457	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	112641	125.776	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	251.560%#	
7) Chloroethane-d5	1.666	69	85571	135.541	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	271.080%#	
11) 1,1-Dichloroethene-d2	2.307	63	186408	110.036	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	220.080%#	
21) 2-Butanone-d5	4.465	46	186094	224.266	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	224.270%#	
24) Chloroform-d	5.068	84	211203	114.563	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	229.120%#	
26) 1,2-Dichloroethane-d4	5.964	65	138447	110.600	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	221.200%#	
32) Benzene-d6	5.983	84	451932	124.612	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	249.220%#	
36) 1,2-Dichloropropane-d6	7.312	67	147295	125.180	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	250.360%#	
41) Toluene-d8	8.653	98	400284	117.090	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	234.180%#	
43) trans-1,3-Dichloroprop...	8.952	79	61680	105.369	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	210.740%#	
47) 2-Hexanone-d5	9.385	63	135714	226.276	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	226.280%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	185393	119.936	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	239.880%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	136488	130.134	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	260.260%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	3065	3.180	ug/L #	11
12) 1,1-Dichloroethene	2.319	96	30951	39.653	ug/L #	44
17) trans-1,2-Dichloroethene	3.099	96	1094	1.210	ug/L #	53
19) 1,1-Dichloroethane	3.617	63	9637	5.510	ug/L #	93
20) cis-1,2-Dichloroethene	4.495	96	205373	201.891	ug/L	92
30) 1,1,1-Trichloroethane	5.391	97	16035	9.601	ug/L #	38
34) Trichloroethene	7.129	95	172741	146.924	ug/L	90
46) Tetrachloroethene	9.275	164	538090	724.176	ug/L	98
51) Chlorobenzene	10.086	112	11327	4.240	ug/L	94

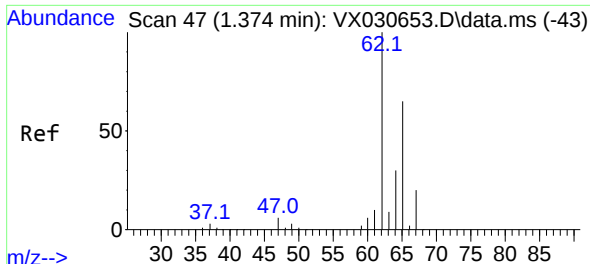
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration

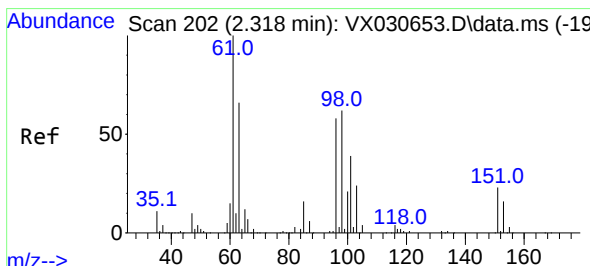
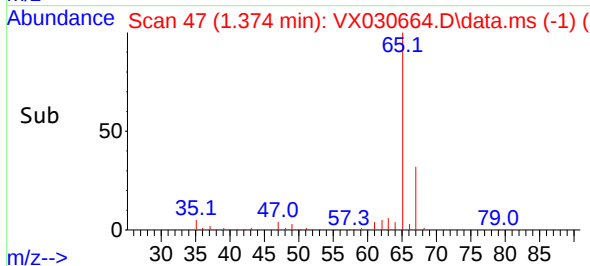
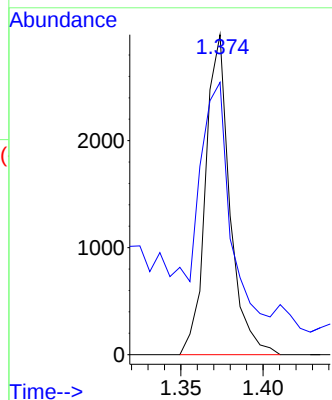
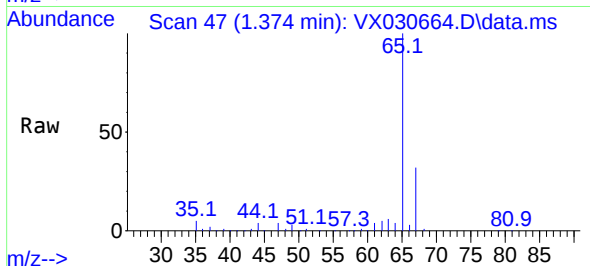




#5
 Vinyl chloride
 Concen: 3.180 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030664.D
 Acq: 17 Aug 2022 16:48

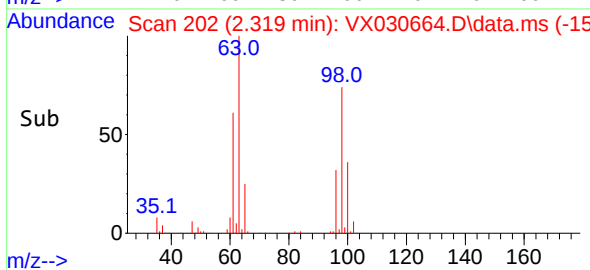
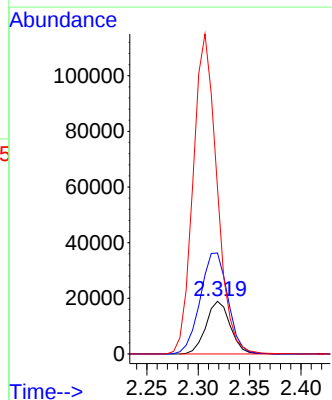
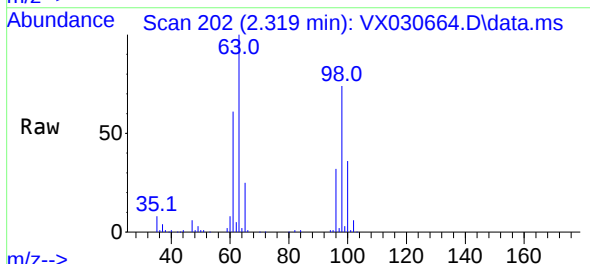
Instrument :
 MSVOA_X
 ClientSampleId :
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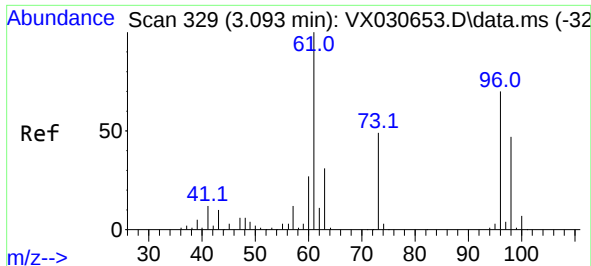
Tgt Ion: 62 Resp: 3065
 Ion Ratio Lower Upper
 62 100
 64 85.1 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 39.653 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030664.D
 Acq: 17 Aug 2022 16:48

Tgt Ion: 96 Resp: 30951
 Ion Ratio Lower Upper
 96 100
 61 191.6 130.2 241.8
 63 315.3 113.5 210.9#

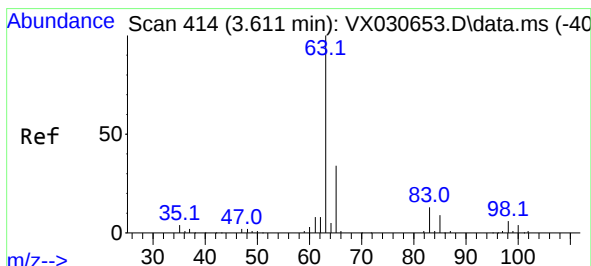
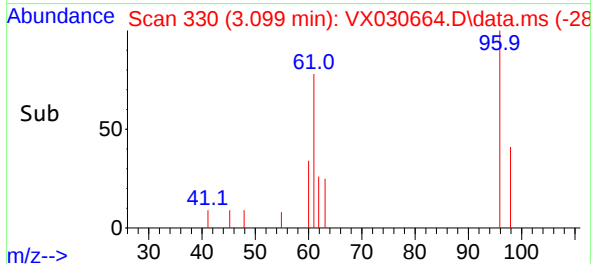
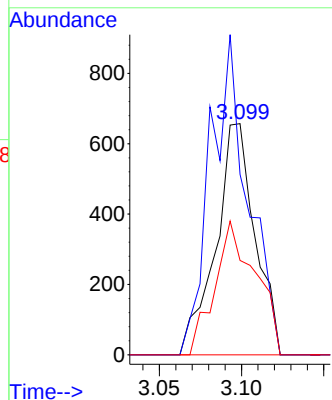
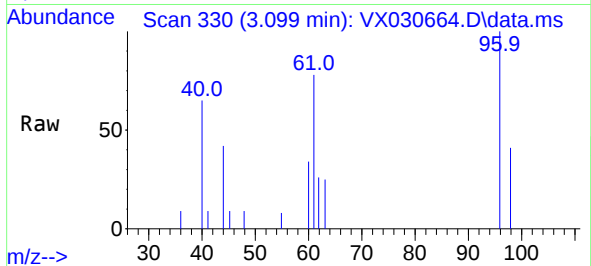




#17
trans-1,2-Dichloroethene
Concen: 1.210 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

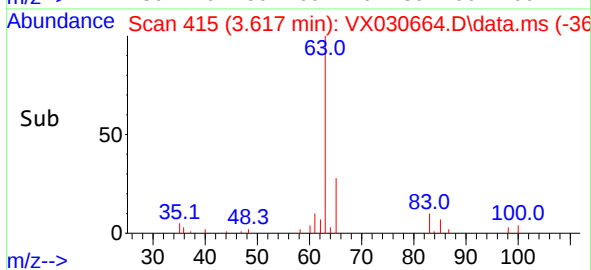
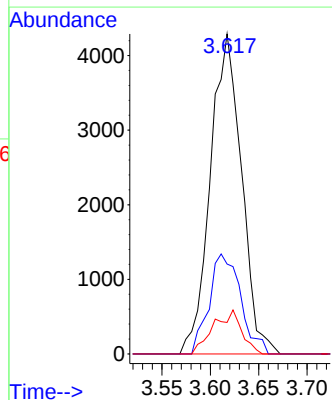
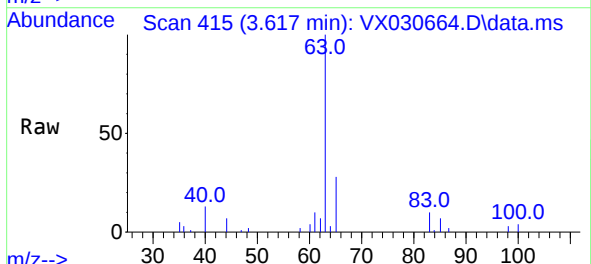
Instrument :
MSVOA_X
ClientSampleId :
C0KN8

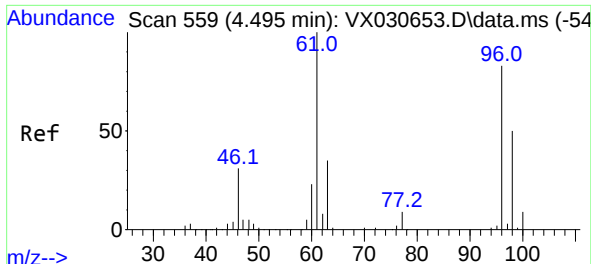
Tgt Ion: 96 Resp: 1094
Ion Ratio Lower Upper
96 100
61 78.1 103.7 192.5#
98 40.8 41.5 77.1#



#19
1,1-Dichloroethane
Concen: 5.510 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Tgt Ion: 63 Resp: 9637
Ion Ratio Lower Upper
63 100
65 28.1 22.0 40.8
83 9.9 9.9 18.3#

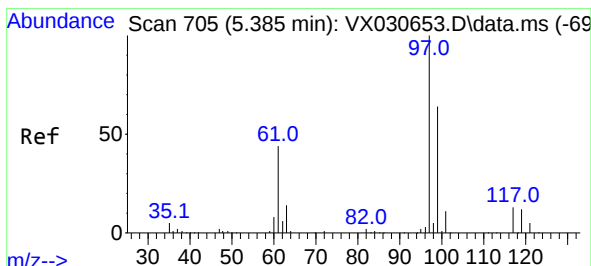
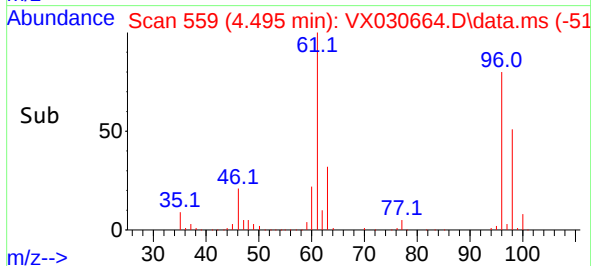
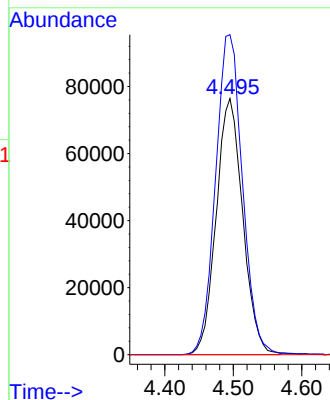
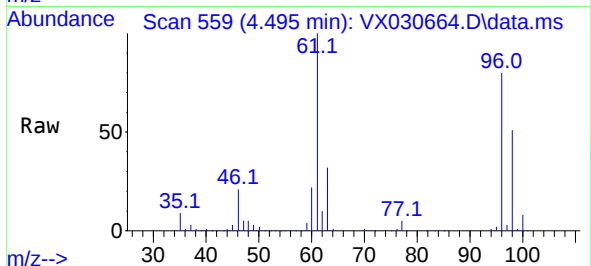




#20
cis-1,2-Dichloroethene
Concen: 201.891 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

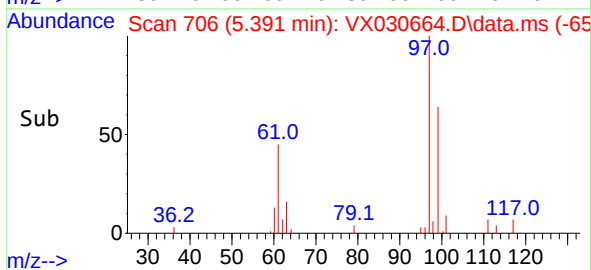
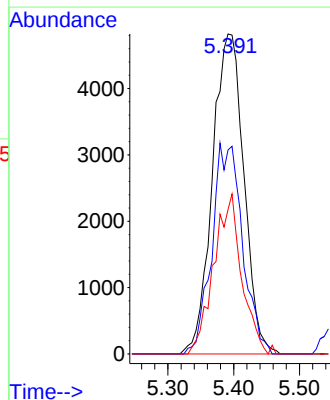
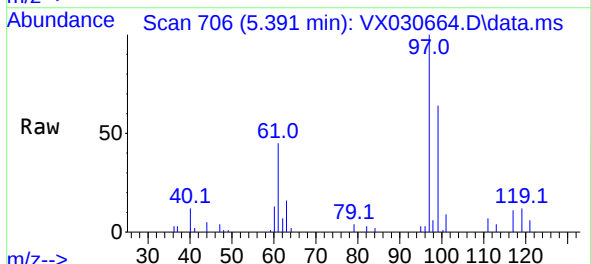
Instrument :
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ClientSampleId :
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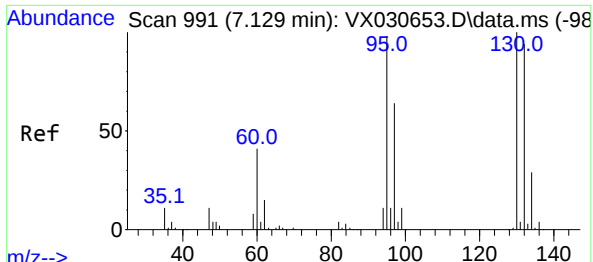
Tgt Ion: 96 Resp: 205373
Ion Ratio Lower Upper
96 100
61 124.9 94.0 174.6
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 9.601 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

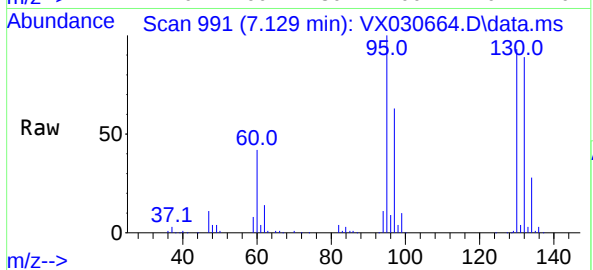
Tgt Ion: 97 Resp: 16035
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 24.1 37.0 55.6#



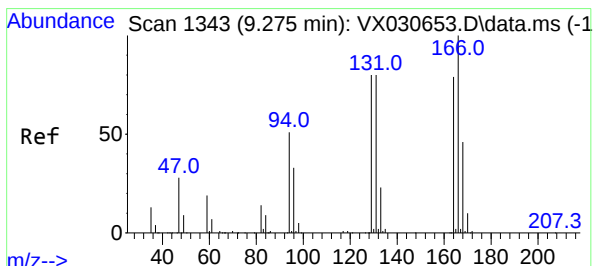
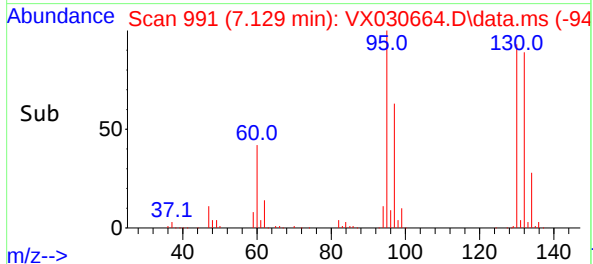
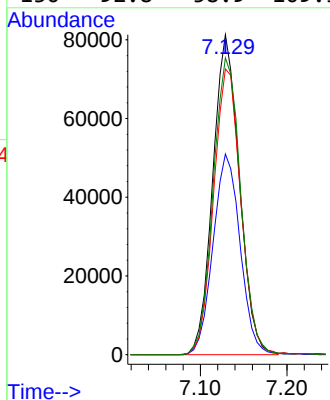


#34
Trichloroethene
Concen: 146.924 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
COKN8

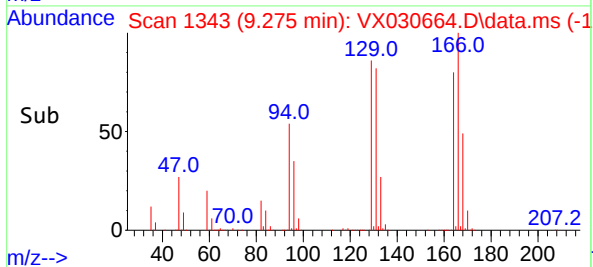
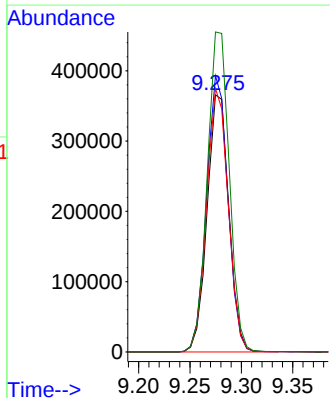
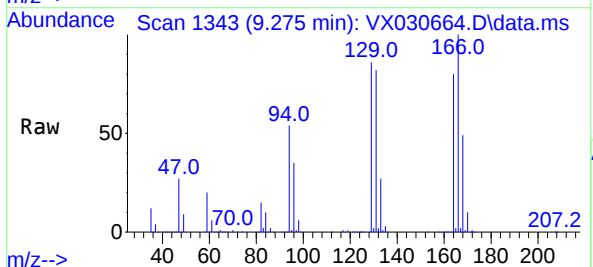


Tgt Ion: 95 Resp: 172741
Ion Ratio Lower Upper
95 100
97 62.7 40.2 74.6
132 89.3 55.3 102.7
130 92.8 58.9 109.5

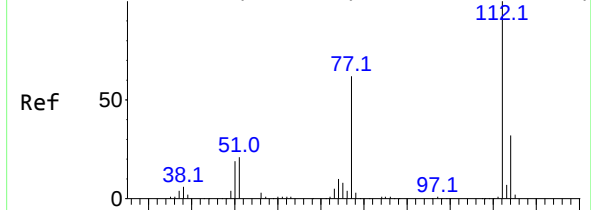


#46
Tetrachloroethene
Concen: 724.176 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Tgt Ion:164 Resp: 538090
Ion Ratio Lower Upper
164 100
129 107.5 72.7 135.1
131 102.5 69.9 129.9
166 124.5 88.3 164.1



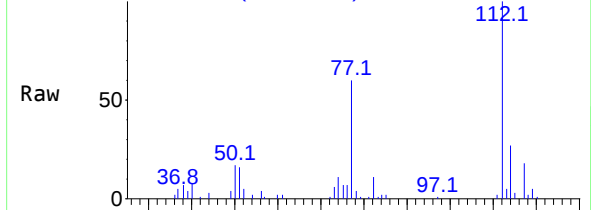
Abundance Scan 1475 (10.079 min): VX030653.D\data.ms (-



#51
Chlorobenzene
Concen: 4.240 ug/L
RT: 10.086 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
C0KN8

Abundance Scan 1476 (10.086 min): VX030664.D\data.ms (-



Tgt Ion:112 Resp: 11327
Ion Ratio Lower Upper
112 100
114 27.3 22.3 41.5
77 60.2 50.8 76.2

Abundance Scan 1476 (10.086 min): VX030664.D\data.ms (-

